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## ADMIN RECORD

June 14, 1995

95-RF-05088

Robert H. Birk  
Environmental Restoration Division  
DOE/RFFO

### FUTURE USE OF THE OPERABLE UNIT 3 GROUNDWATER MONITORING WELLS LOCATED AT STANDLEY LAKE AND GREAT WESTERN RESERVOIR - THS-004-95

This letter provides the status of the two Operable Unit 3 groundwater monitoring wells located at Standley Lake and Great Western Reservoir. These monitoring wells were installed in December, 1992 as part of the RCRA [Resource Conservation and Recovery Act] Facility Investigation/Remedial Investigation (RFI/RI) of Operable Unit 3 to evaluate the presence of contaminant migration from the surface water bodies to shallow groundwater systems.

Both wells were installed in bedrock (approximately 40 feet below the ground surface) as close to each dam at Standley Lake and Great Western Reservoir as possible. The well installation was conducted in accordance with the modified plan for ground water monitoring wells that was agreed on between the Environmental Protection Agency (EPA), the Colorado Department of Health (CDPHE), the Department of Energy/Rocky Flats Field Office (DOE/RFFO), and EG&G Rocky Flats, Inc. (EG&G) during a meeting held in July, 1993. The modified plan is outlined in Technical Memorandum No. 1, Addendum to the RFI/RI Work Plan for Operable Unit 3.

In accordance with the groundwater sampling and analysis requirements of the Operable Unit 3 Work Plan, EG&G collected quarterly groundwater samples over a period of one year from both monitoring wells for analysis of radionuclides, metals and water quality parameters. Additional monthly groundwater samples were collected in both wells from April to September, 1993 to provide for a more complete data set. All groundwater sampling data obtained during the one-year monitoring period was used in the chemicals of concern selection process for groundwater in Operable Unit 3 and presented in the Operable Unit 3 Technical Memorandum No. 4, Chemicals of Concern Identification document. EG&G continued to sample both wells on a quarterly basis in 1994 to verify the baseline established with the 1993 groundwater sampling results.

EG&G is presently evaluating the future use of the two monitoring wells and has learned that the City of Westminster as well as the City of Broomfield may be interested in taking ownership of the respective wells. Both municipalities have requested copies of the existing groundwater sampling data and well construction information for the respective wells for review. EPA and CDPHE have indicated informally that they are supportive of transferring ownership or abandoning the monitoring wells.

CORRES. CONTROL	X
ADMIN RECORD	X
PROJECT FILE	X
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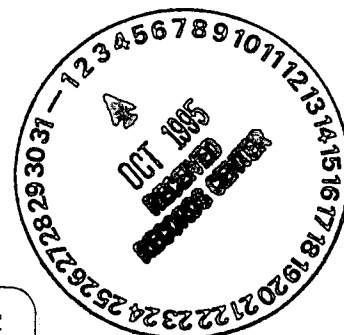
IN REPLY TO RFP CC NO:

ACTION ITEM STATUS:

PARTIAL/OPEN ☐CLOSED ☐

LETTER APPROVALS:

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Robert H. Birk  
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Given that the groundwater sampling and analysis obligations of the Operable Unit 3 Work Plan have been fulfilled and that EPA has accepted and approved the chemicals of concern selection results, which indicate there are no chemicals of concern for groundwater in Operable Unit 3, EG&G recommends that DOE/RFFO consider releasing the Standley Lake and Great Western Reservoir monitoring wells to the City of Westminster and City of Broomfield, respectively. If the cities do not wish to accept ownership of the wells, then EG&G recommends that the wells be abandoned. It is further recommended that the agencies be formally notified of the decisions made regarding these wells.

Please call me at extension 8551 if you have any questions.

*Tracey H. Spence*

Tracey H. Spence  
Operable Unit 3  
Group 1 Closures  
EG&G Rocky Flats, Inc.

jlm

Orig. and 1 cc - R. H. Birk